

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	95	symbol adj recovery and carrier adj recovery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 17:08
L7	0	symbol adj recovery and carrier adj recovery and variable adj interpolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 17:09
L8	12	symbol adj recovery and carrier adj recovery and interpolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 17:07
L9	7	symbol adj recovery and carrier adj recovery and variable adj interpolat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 17:16
L10	4	(symbol adj recovery and carrier adj recovery and variable adj interpolat\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:54
L11	0	(symbol adj recovery and carrier adj recovery and variable adj interpolat\$3 and sampI\$3 adj time).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 17:27
L12	0	(symbol adj recovery and carrier adj recovery and variable adj interpolat\$3 and digital adj feedback adj loop).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 19:50

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L13	978	continuation and 375/222	USPAT	OR	ON	2007/07/09 19:50
L14	186	continuation and 375/222 and pcm	USPAT	OR	ON	2007/07/09 19:50
L15	72	continuation and 375/222 and pcm and itu	USPAT	OR	ON	2007/07/09 19:50
L16	0	(symbol adj recovery and carrier adj recovery and variable adj interpolat\$3 and(digital adj feedback adj loop)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:54
L17	0	(symbol adj recovery and carrier adj recovery and(digital adj feedback adj loop)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:54
L18	1	"10/396118"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L19	2	"6714608".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L20	0	"6.***714608".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L21	2	"6188717".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55

EAST Search History

L22	29	("4131766" "5418815" "5440268" "5504785" "5640670" "5654774" "5793818" "5812927" "5844948" "5870439" "5898900" "5953636" "5995563" "6154871").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L23	5	"550485".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L24	1	"10/747931"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L25	40	("3978407" "4004226" "4253186" "4262360" "4320517" "4599732" "4733403" "4815103" "5255289").PN. OR ("5504785").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 20:55
L26	2	"5504785".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L27	2	"6714608".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L28	2	"6304621".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55

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L29	29	(complex adj multipli\$5) and (variable adj interpolat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L30	2	"4,864,403".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L31	2	"5734967".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L32	123	(complex adj multipli\$5) same interpolat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L33	2	"20010040931".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L34	2	"5,827,188".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L35	83	(complex adj multipli\$5) with interpolat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55

EAST Search History

L36	9	(complex adj multiplier) and (variable adj interpolator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L37	2	"5,819,157".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L38	2	("5511235" "5933769").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 20:55
L39	2	"5418818".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L40	2	"6570942".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L41	2	"6570942".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L42	8	("5812927").URPN.	USPAT	OR	ON	2007/07/09 20:55
L43	3	("4090145" "4468794" "4829465").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 20:55
L44	10	("5003621" "5067140" "5159710" "5255290" "5375146" "5504455" "5548244" "5557642" "5610948" "5640670").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 20:55
L45	10	("5003621" "5067140" "5159710" "5255290" "5375146" "5504455" "5548244" "5557642" "5610948" "5640670").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 20:55

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L46	644	(IF or (intermediate adj frequency)) with (fix\$2 adj frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L47	1188	375/329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L48	8	L46 and L47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L49	549	375/235	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L50	2	L46 and L49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L51	4402	375/316	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L52	26	L46 and L51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55

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L53	123	(complex adj multipli\$5) same interpolat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L54	2	L53 and L49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L55	2128	375/261	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L56	16	L46 and L55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L57	623	(complex adj multipli\$5) and interpolat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L58	68	L57 and L51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L59	1505	329/304	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55

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L60	33	L57 and L59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L61	17	L53 and L51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L62	18	L46 and L59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L63	11	L53 and L55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L64	12	((IF or (intermediate adj frequency)) with (fix\$2 adj frequency)) and (sampl\$3 with (fix\$2 adj frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L65	6	L53 and L47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L66	10	L53 and L59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55

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L67	15	L57 and L49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L68	38	L57 and L55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L69	19	L57 and L47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:55
L70	2	"4669091".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 20:59
L71	3	"7106818".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 21:02
L72	2	"4794341".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 21:02

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Carrier Recovery- Developer Zone - National Instruments

This process is called **carrier recovery** and can be implemented through various ... phase must be properly estimated to perform appropriate **symbol recovery**. ...
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Symbol Recovery algorithm for 16QAM | Comp.DSP | DSPRelated.com

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A **carrier-recovery** loop for a receiver in a communication system with features ... **symbol recovery** and frame timing recovery are all adversely affected by ...
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375/326 , **Carrier recovery** circuit or carrier tracking 331/17 , Particular error Finally, demodulation control 115 outputs **symbol recovery** signal, ...
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Adaptive digital **symbol recovery** for amplitude phased keyed ...

... Angle modulation 375/326 **Carrier recovery** circuit or carrier tracking ... The digital **symbol recovery** circuit comprises a programmable addressable ...
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hsc / Symbol Timing Synchronization

Figure below shows the basic receiver involving **symbol recovery** block ... and thus **carrier recovery** must be performed prior to the Mueller and Muller timing ...
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hsc / Synchronization in Digital Receivers

After the STR has been established the **Carrier Recovery**(CR) is done. If the feed forward **carrier recovery** is done then **symbol recovery** must be established ...
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Phase-compensation decision feedback channel equalizer and digital ...

A **symbol recovery**, a matched filter, a phase splitter, a **carrier recovery**, a channel equalizer and an FEC are used as basic elements. ...
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digital-broadcasting-rece... - 25k - Supplemental Result - [Cached](#) - [Similar pages](#)

Details and datasheet on part: CS3810

demodulator including timing and **symbol recovery** and error correction All digital timing
and **carrier recovery** Wide carrier tracking range Acquisition time ...

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Jablon, Neil K. "Joint Blind Equalization, **Carrier Recovery**, and Timing the timing offset τ_{au} . required to optimize **symbol recovery** at sampler 404. ...
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Barton, Stephen K. / Terrell, Peter M., UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Dec 1988

patno:US4794341

...2 which is responsive to an 8 MHz **sampling** clock 3 which produces 4 samples...to the output of the filter. The **interpolation** filter, together with the STR circuit...b) it corrects for the arbitrary **sampling** phase in the A/D converter so as...they had been sampled at the optimum **time** in the A/D converter 2. The result...fed to an input 50 of the timing **symbol recovery** circuit 4. The symbol stream is then...

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patno:US4794341

...optimum point is passed to the output of the filter. The **interpolation** filter, together with the STR circuit 4 performs the following...digital filter is also fed to an input 50 of the timing **symbol recovery** circuit 4. The symbol stream is then fed to a circuit 51...

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Inventor Information for 10/747931

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Inventor Name Search Result

Your Search was:

Last Name = KWENTUS

First Name = ALAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>08055975</u>	<u>5479363</u>	150	04/30/1993	PROGRAMMABLE DIGITAL SIGNAL PROCESSOR USING SWITCHABLE UNIT-DELAYS FOR OPTIMAL HARDWARE ALLOCATION	KWENTUS, ALAN
<u>09946165</u>	Not Issued	95	09/04/2001	SATELLITE RECEIVER	KWENTUS, ALAN
<u>10208045</u>	Not Issued	30	07/31/2002	Turbo-coding DOCSIS information for satellite communication	KWENTUS, ALAN
<u>10319929</u>	Not Issued	61	12/12/2002	Downstream time domain based adaptive modulation for DOCSIS based applications	KWENTUS, ALAN
<u>10952171</u>	Not Issued	30	09/29/2004	Integrated burst FSK receiver	KWENTUS, ALAN
<u>11054652</u>	Not Issued	30	02/09/2005	Efficient header acquisition	KWENTUS, ALAN
<u>11772608</u>	Not Issued	19	01/01/0001	SATELLITE RECEIVER	KWENTUS, ALAN
<u>60230045</u>	Not Issued	159	09/01/2000	Satellite communication system	KWENTUS, ALAN
<u>60424205</u>	Not Issued	159	11/06/2002	Wireless headset having integrated headset processor	KWENTUS, ALAN
<u>60569236</u>	Not Issued	159	05/10/2004	Integrated burst FSK receiver	KWENTUS, ALAN
<u>60918141</u>	Not Issued	20	03/15/2007	Method and system of providing a high speed Tomlinson-Harashima Precoder	KWENTUS, ALAN
<u>09974606</u>	Not Issued	160	10/09/2001	Multi-mode variable rate digital satellite receiver	KWENTUS, ALAN Y.
<u>10186718</u>	Not Issued	30	07/02/2002	Modified range requests enabling bandwidth requests and state of health reporting	KWENTUS, ALAN Y.

<u>10736434</u>	Not Issued	30	12/15/2003	Communications signal transcoder	KWENTUS, ALAN Y.
<u>10747931</u>	Not Issued	41	12/30/2003	Multi-mode variable rate digital satellite receiver	KWENTUS, ALAN Y.
<u>10916919</u>	Not Issued	94	08/12/2004	FEC (FORWARD ERROR CORRECTION) DECODER WITH DYNAMIC PARAMETERS	KWENTUS, ALAN Y.
<u>60447112</u>	Not Issued	159	02/13/2003	Communications signal transcoder	KWENTUS, ALAN Y.
<u>60516826</u>	Not Issued	159	11/03/2003	FEC (Forward Error Correction) decoder with dynamic parameters	KWENTUS, ALAN Y.
<u>08521173</u>	<u>5737253</u>	150	08/30/1995	METHOD AND APPARATUS FOR DIRECT DIGITAL FREQUENCY SYNTHESIZER	KWENTUS, ALAN Y.
<u>09013964</u>	<u>6714608</u>	150	01/27/1998	MULTI-MODE VARIABLE RATE DIGITAL SATELLITE RECEIVER	KWENTUS, ALAN Y.

Inventor Search Completed: No Records to Display.

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